

FIG. 1

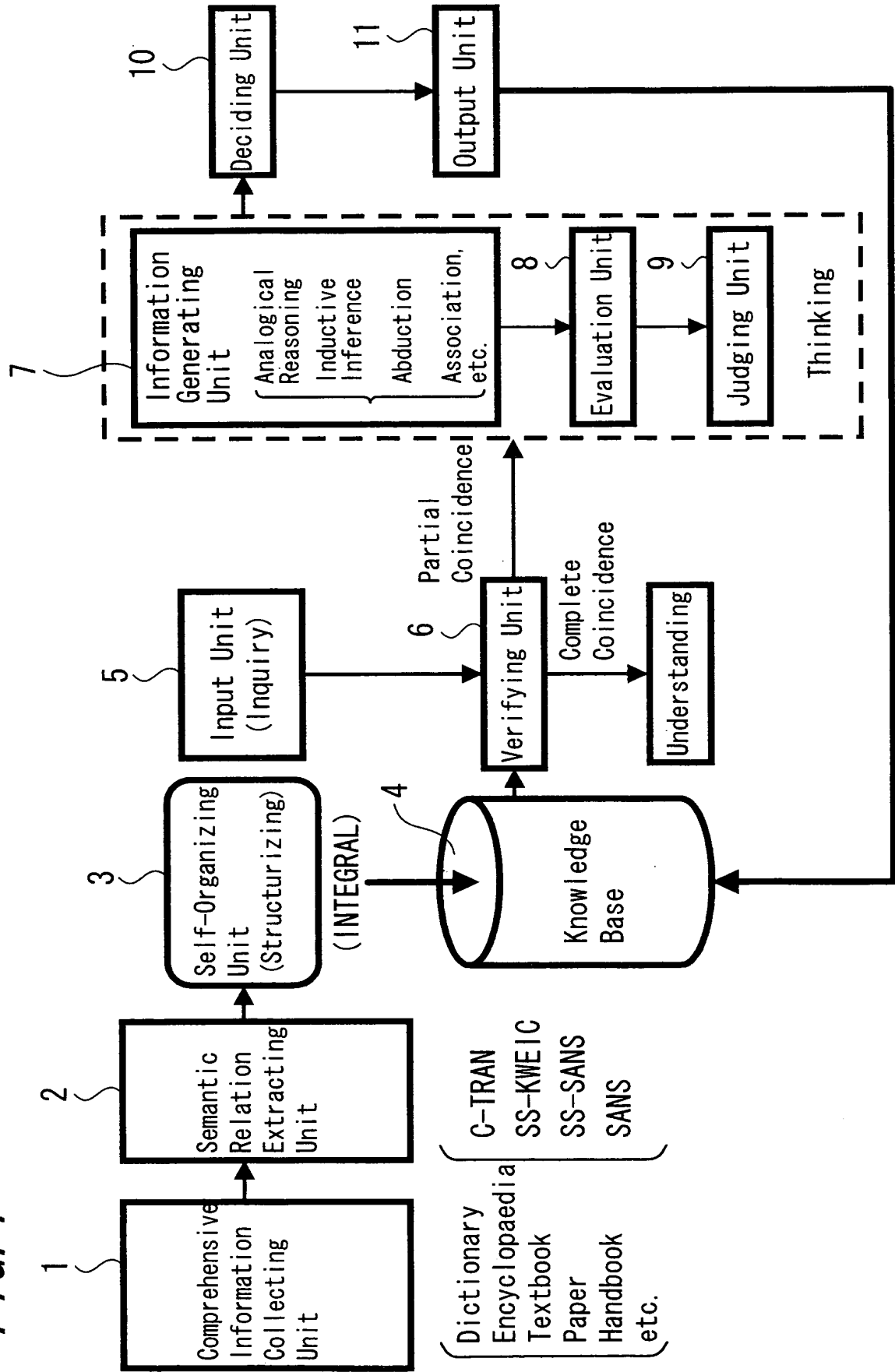


FIG. 2

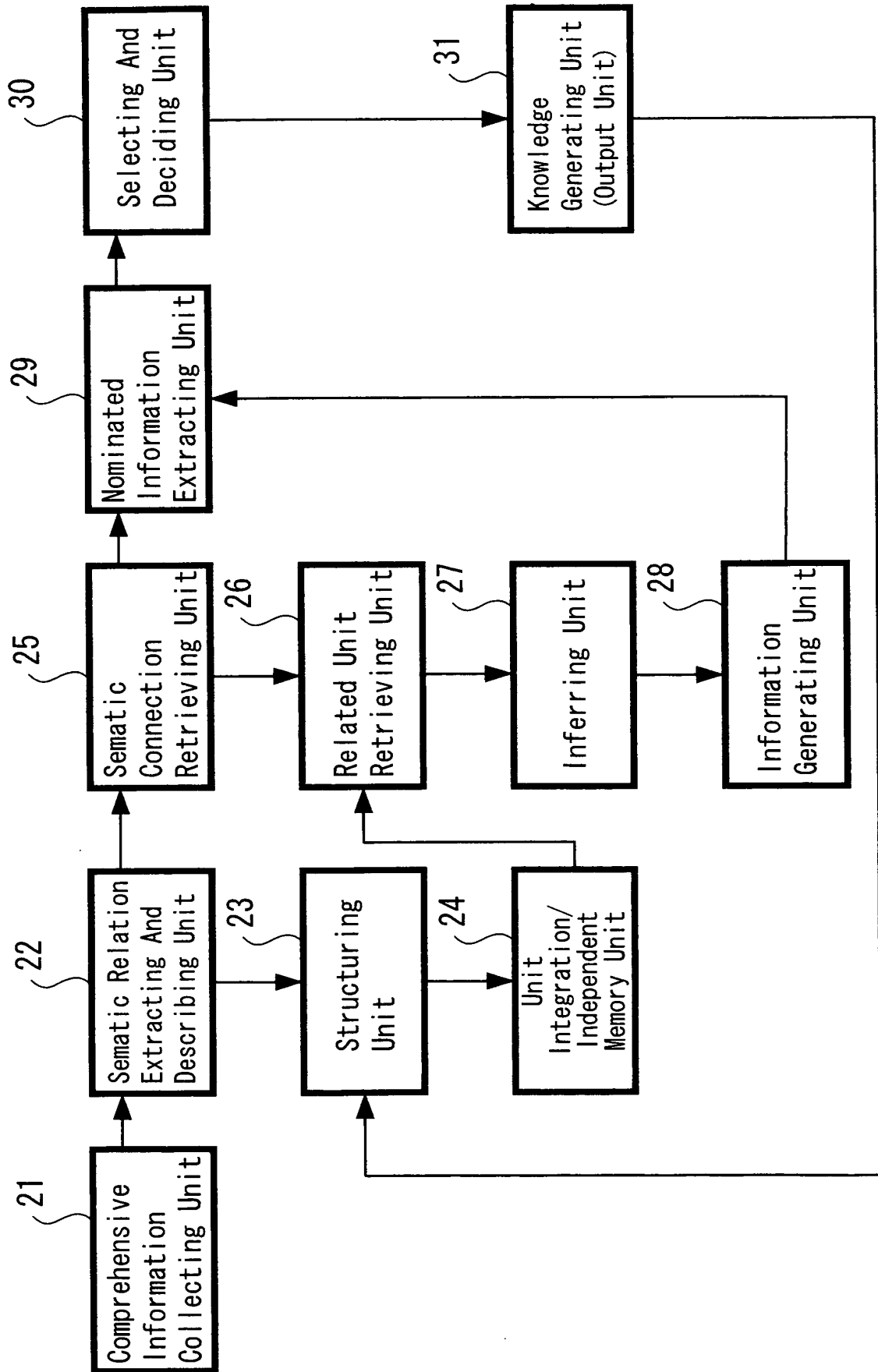


FIG. 3

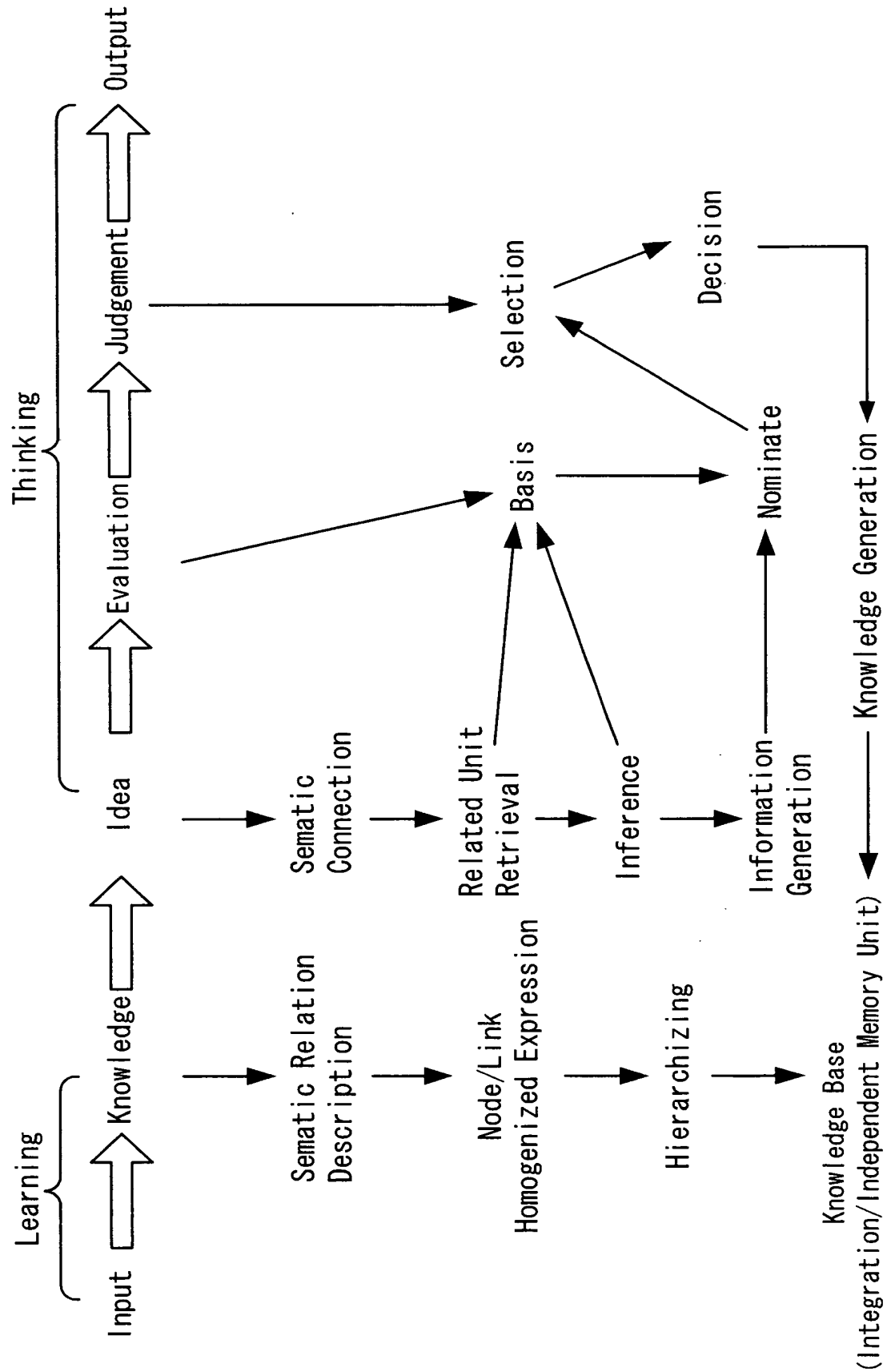


FIG. 4

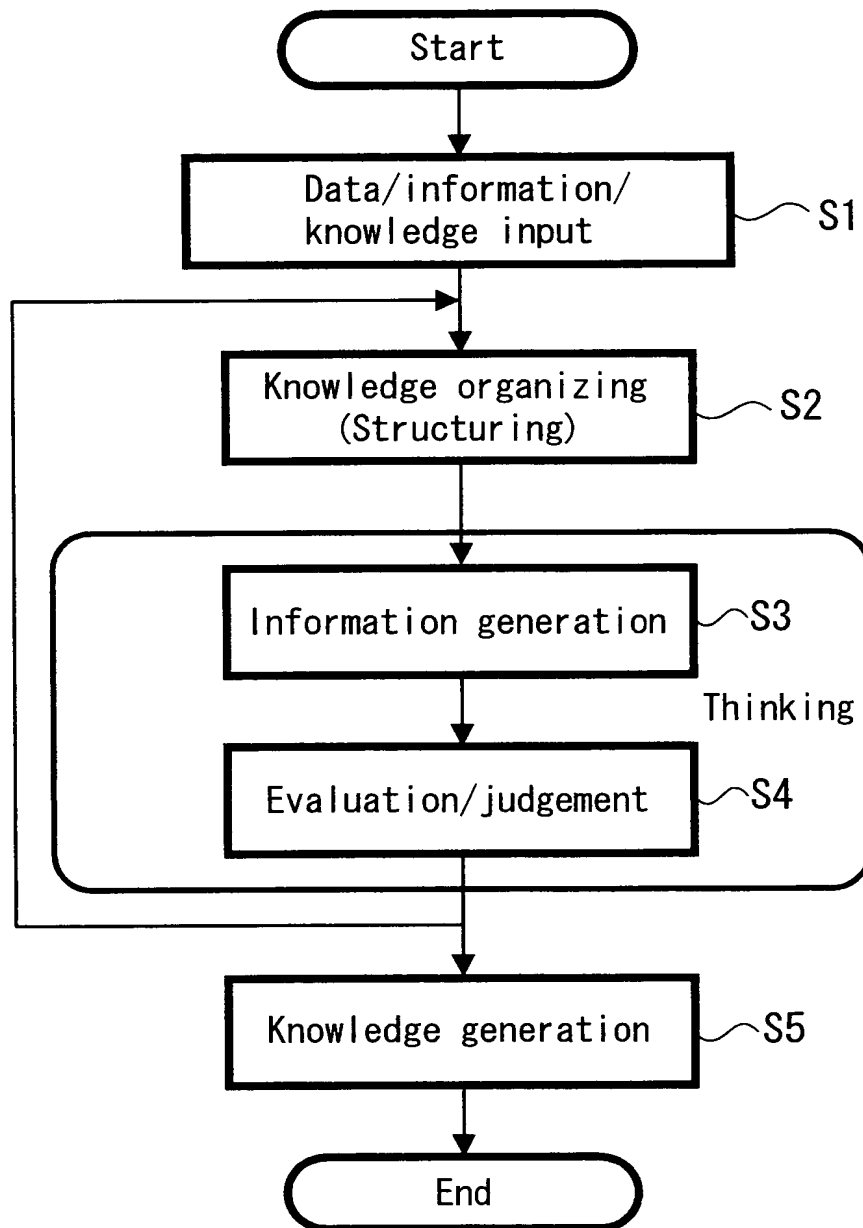


FIG. 5

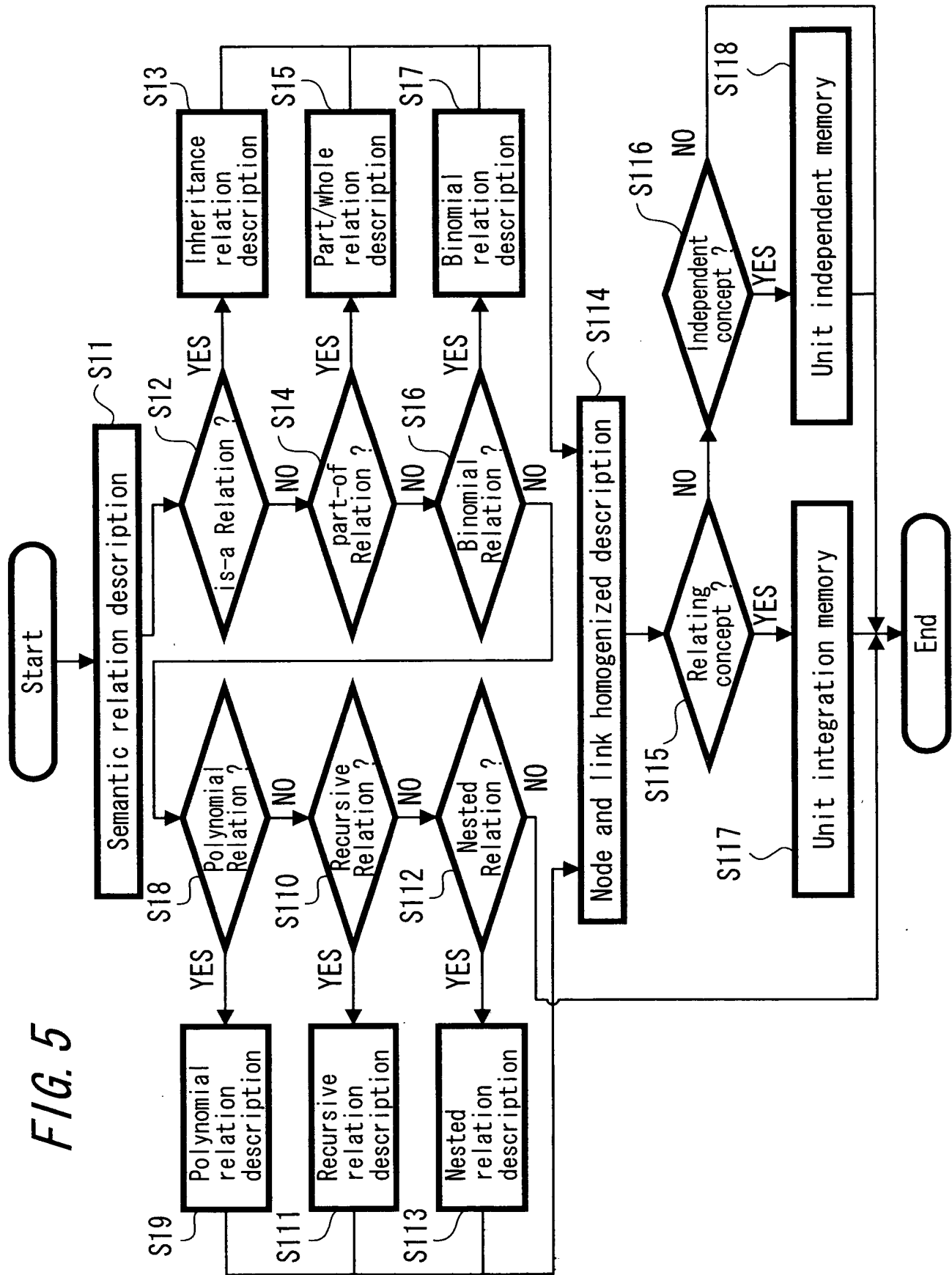


FIG. 6

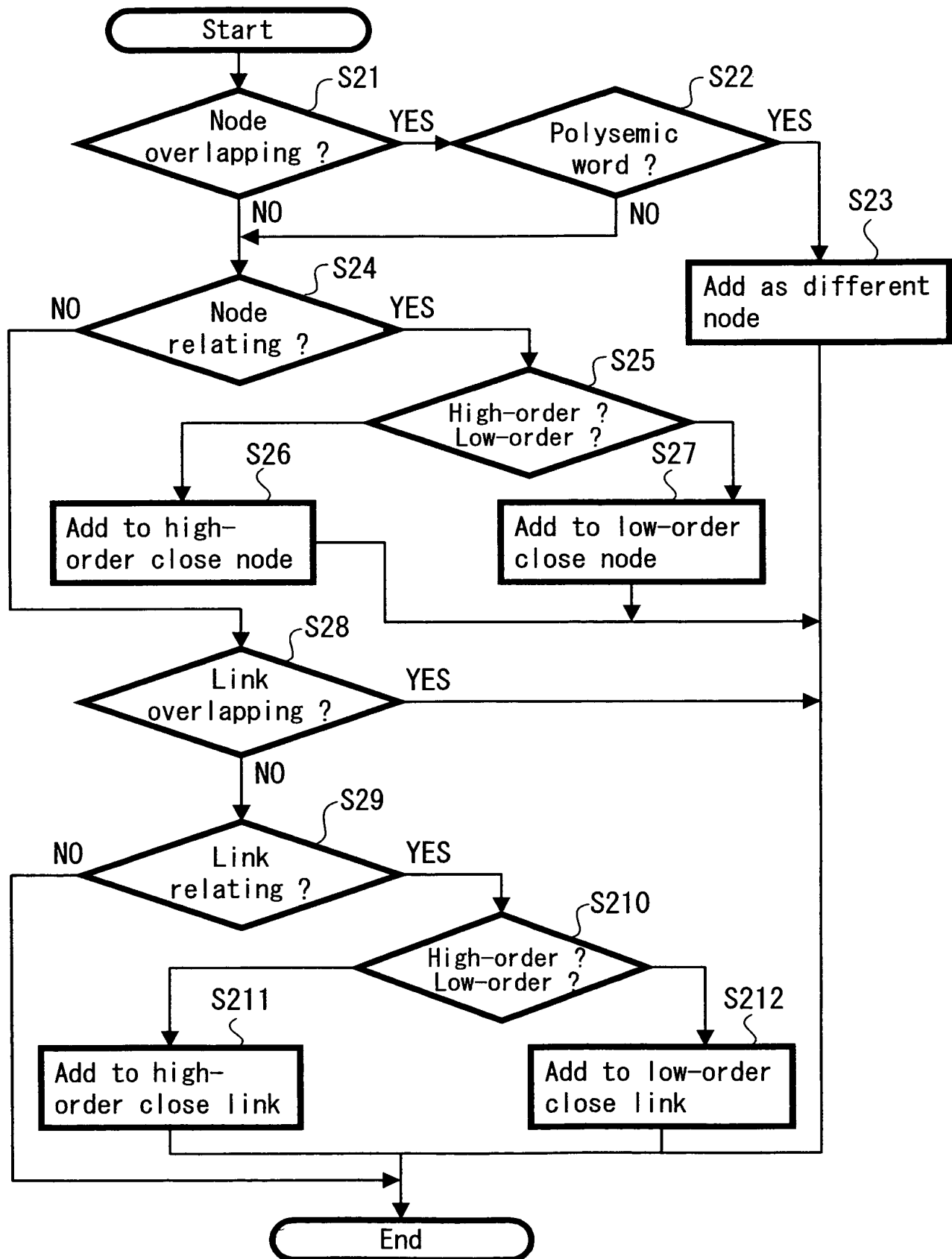


FIG. 7

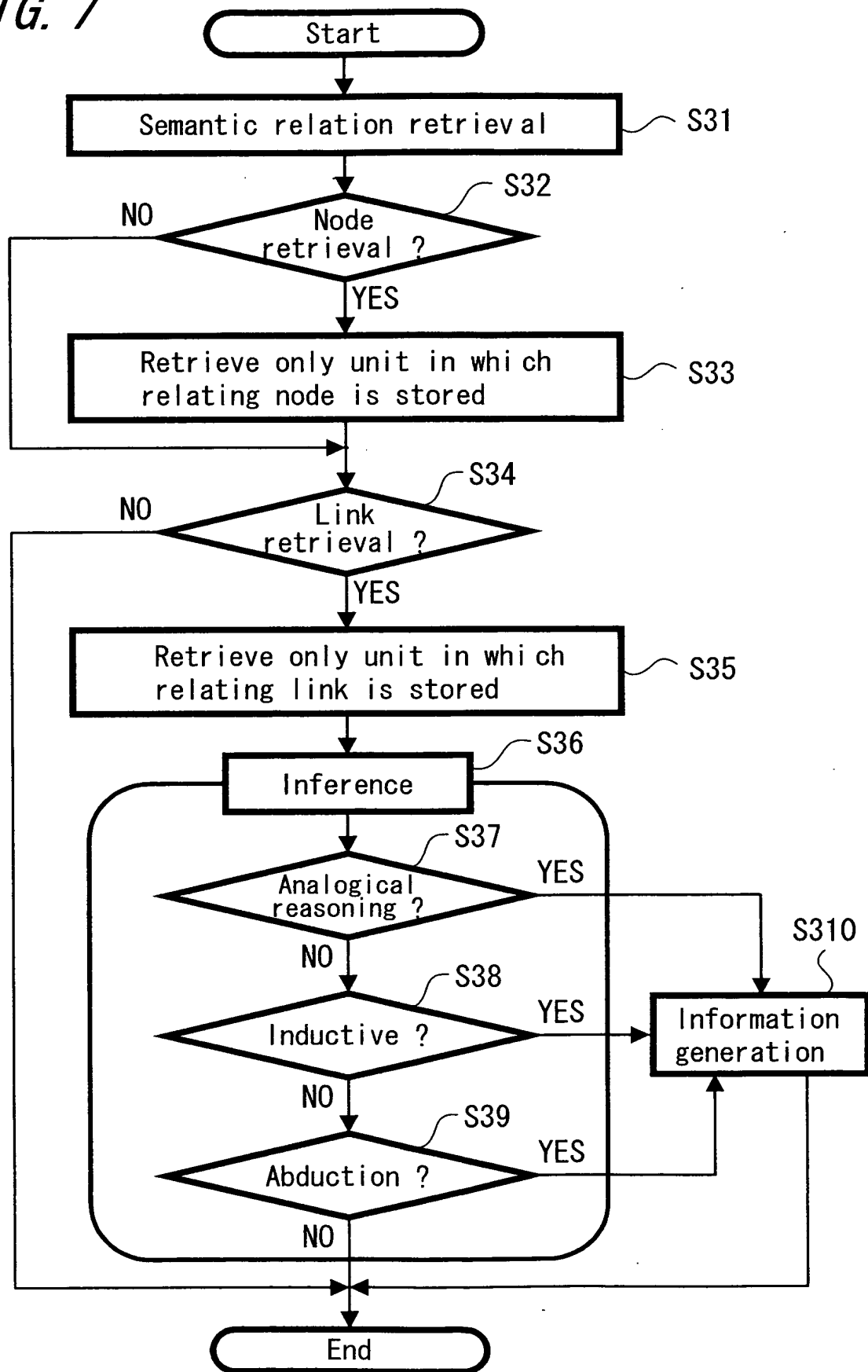


FIG. 8

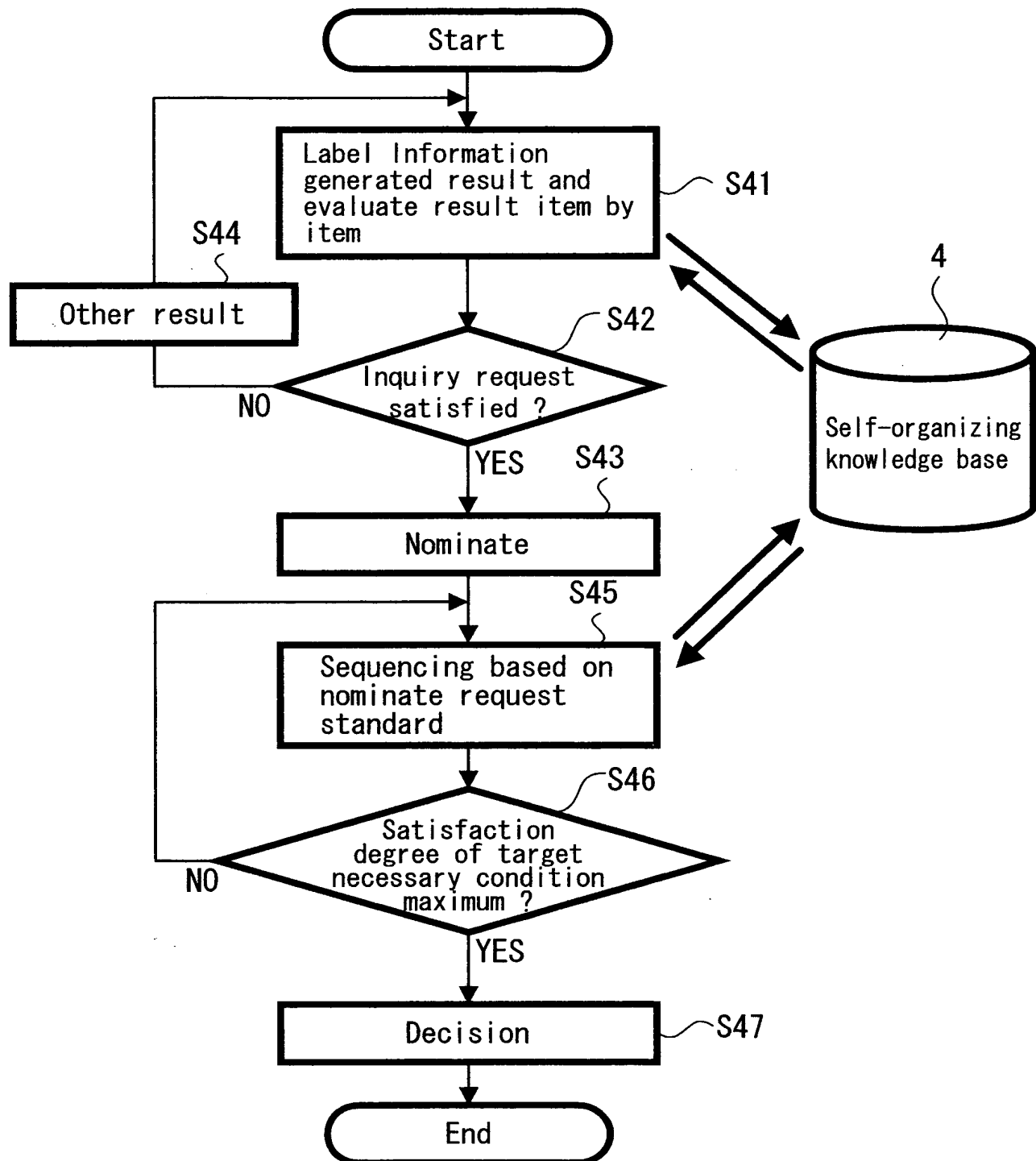


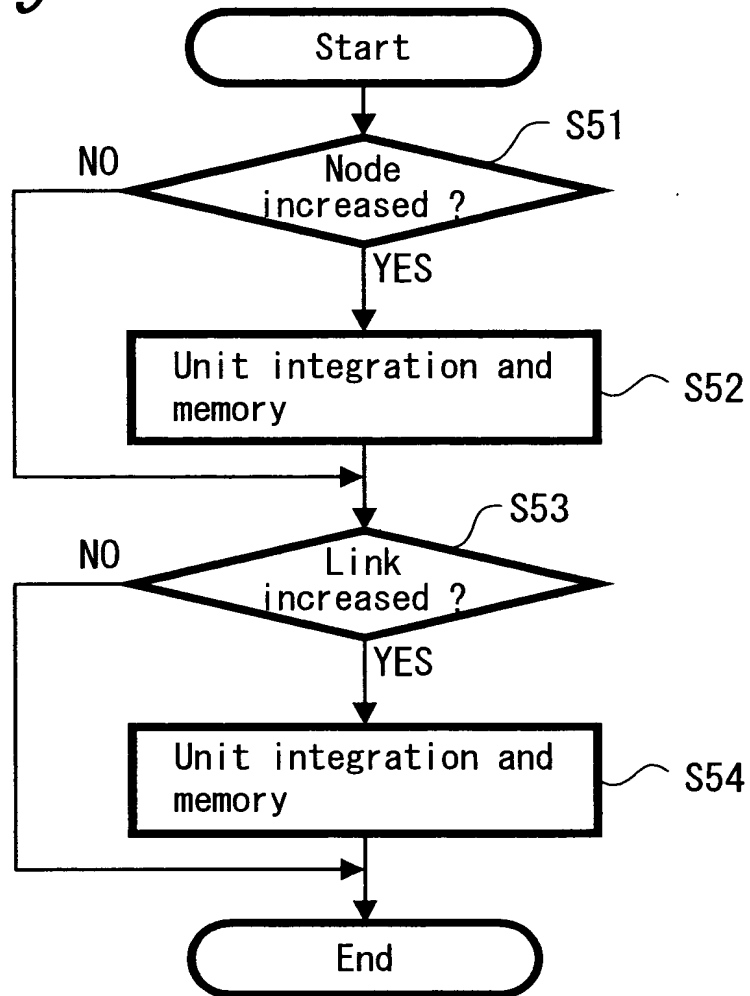
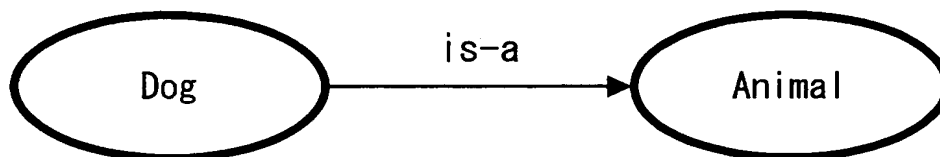
FIG. 9*FIG. 10*

FIG. 11

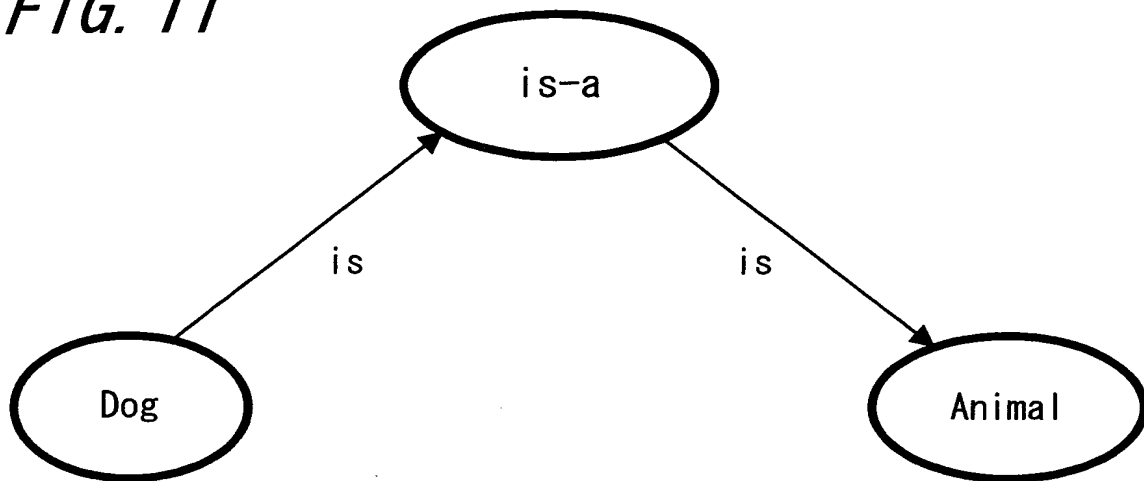


FIG. 12

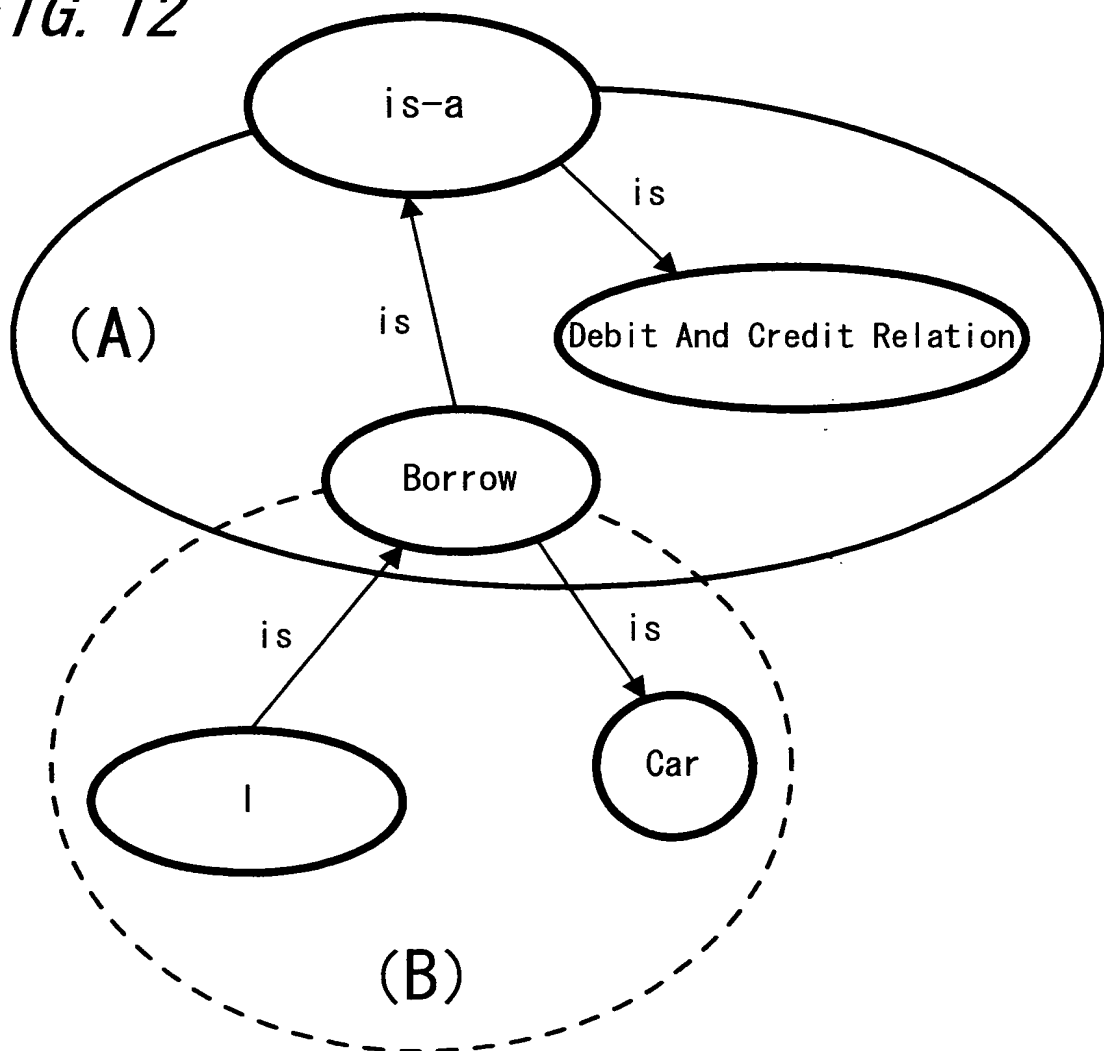


FIG. 13

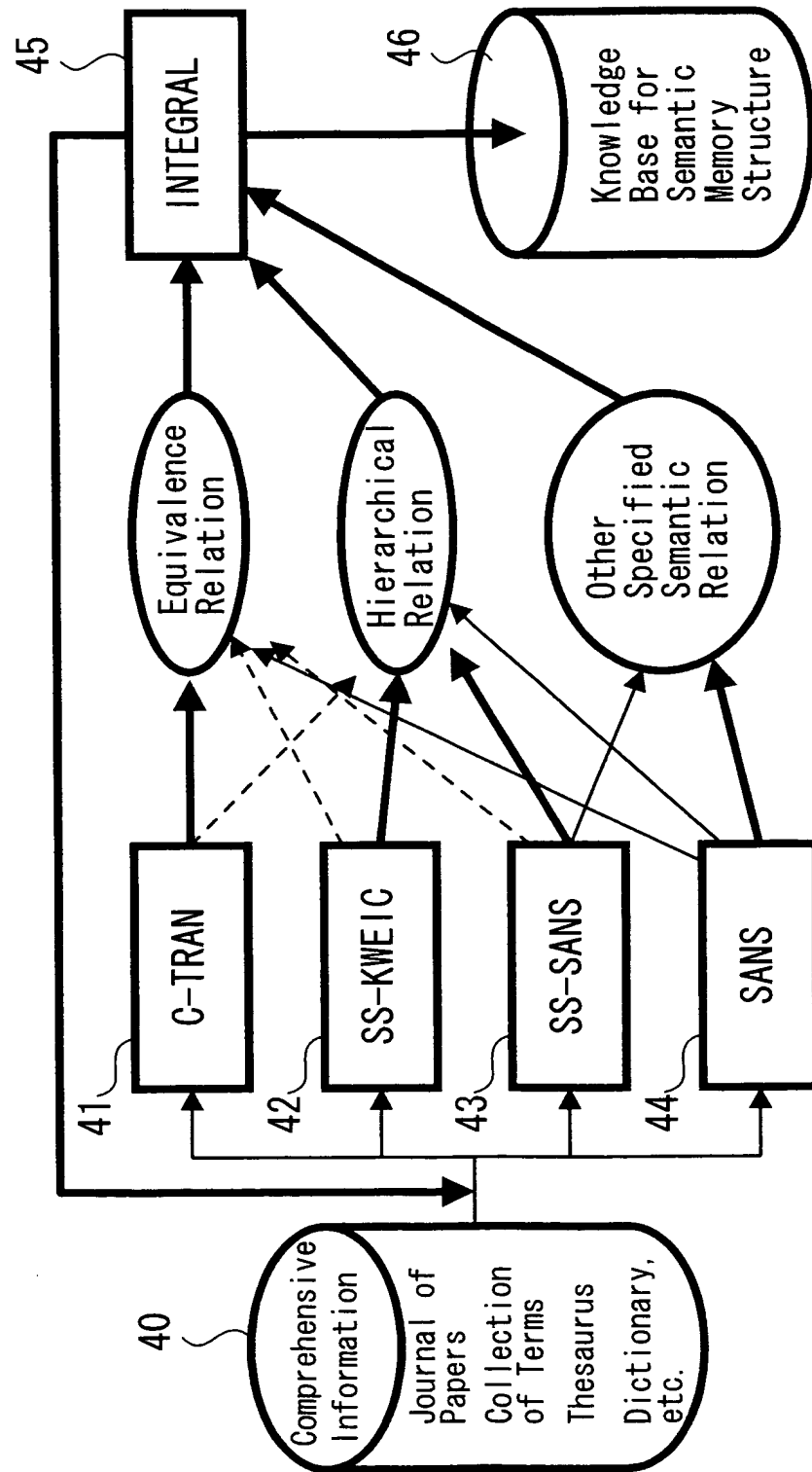


FIG. 14

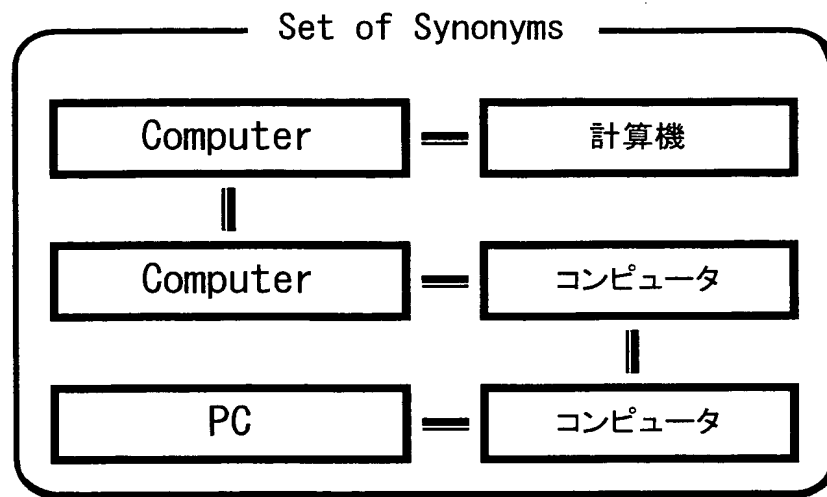


FIG. 15

Words Before Being Decomposed	Words After Being Decomposed
System	System
Information System	Information System
Control System	Control System
Weather Information System	Weather Information System
Finance Information System	Finance Information System

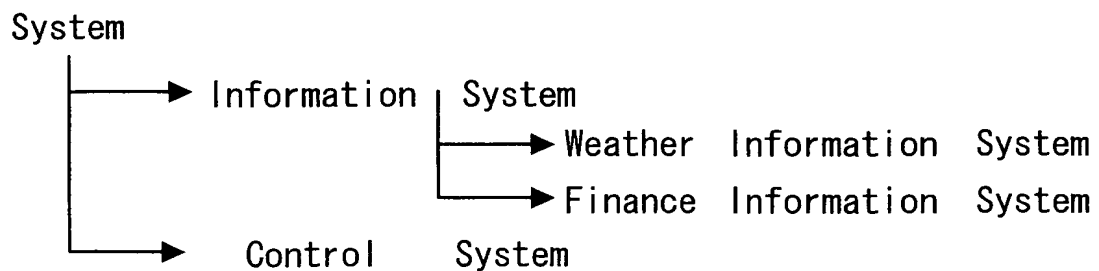


FIG. 16

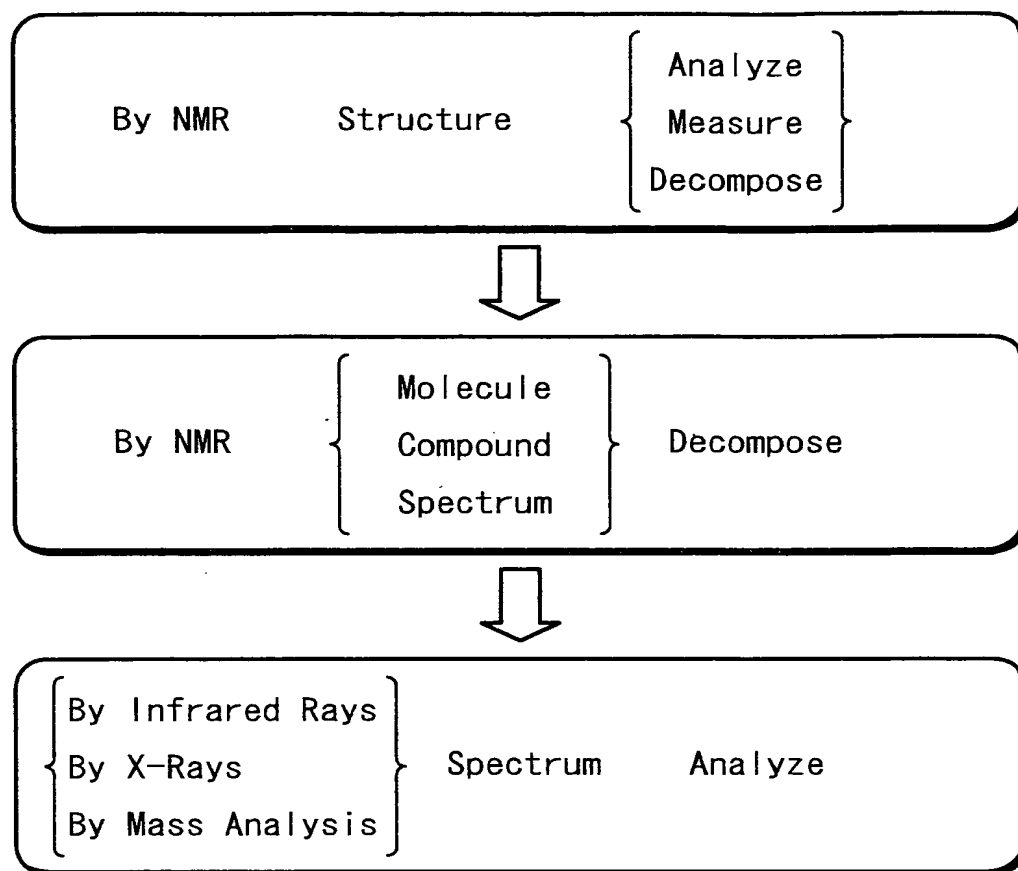


FIG. 17

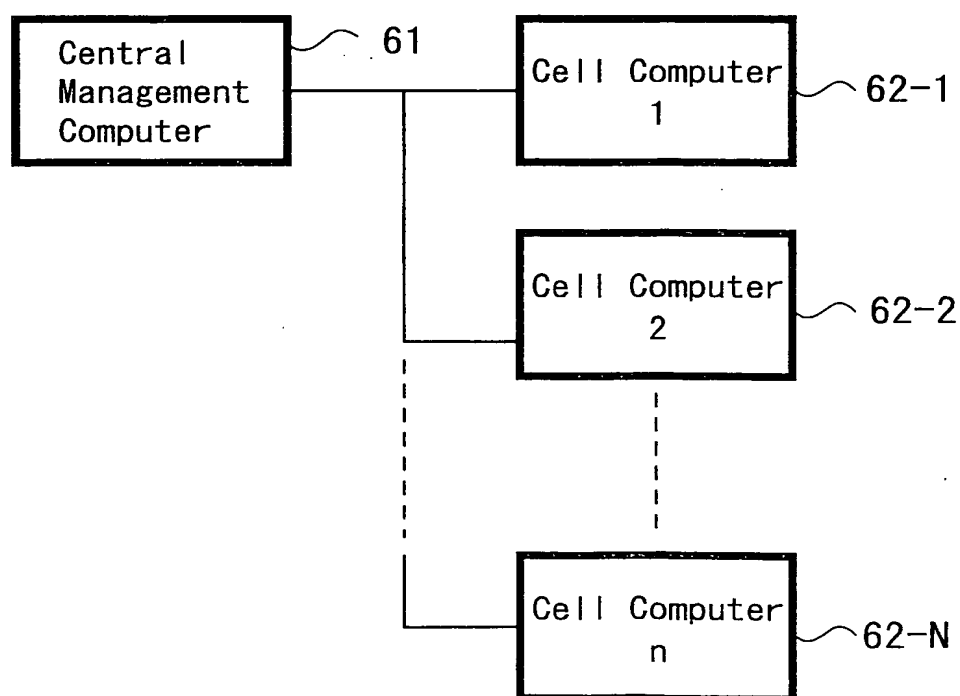


FIG. 18

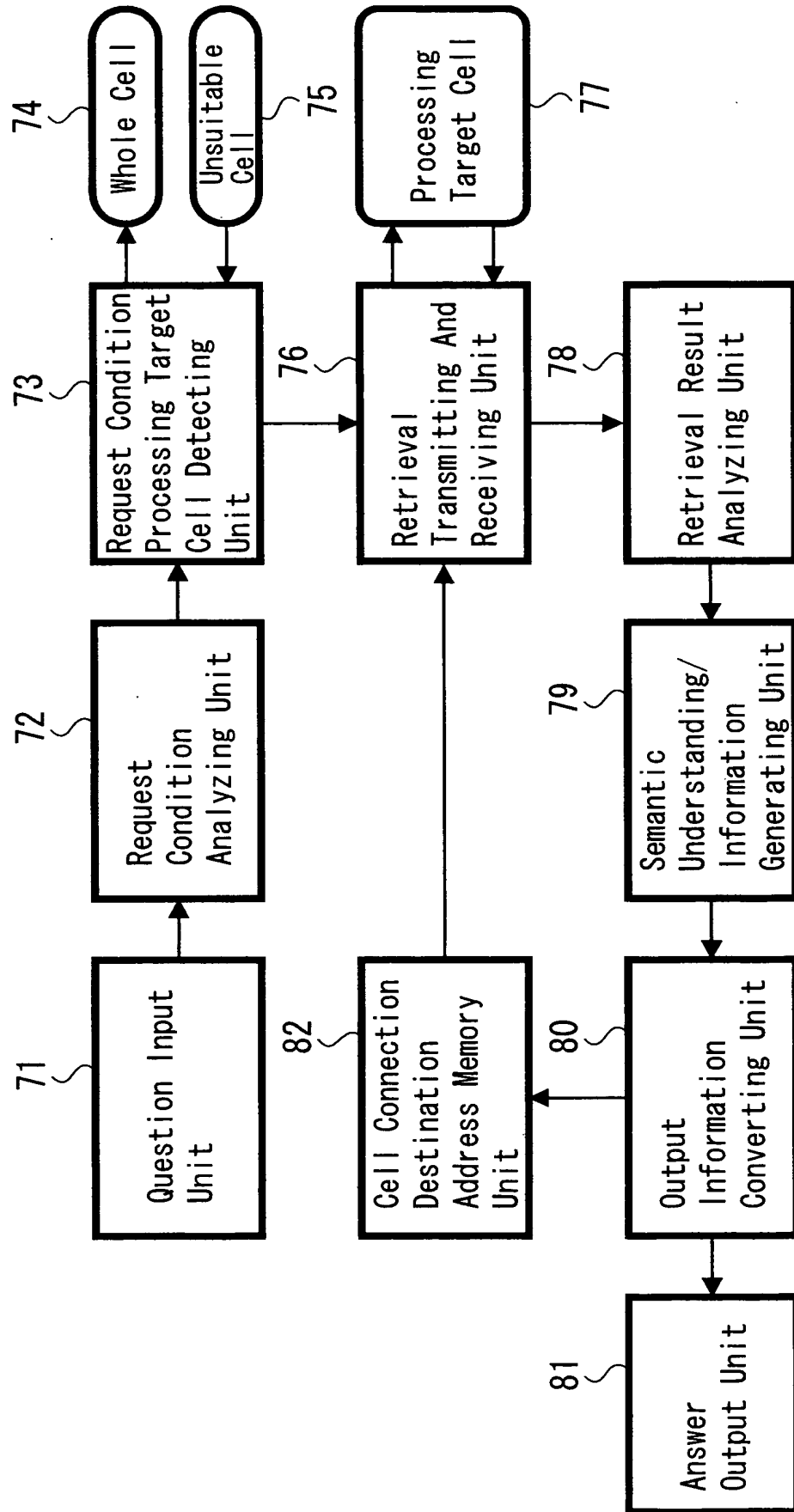


FIG. 19

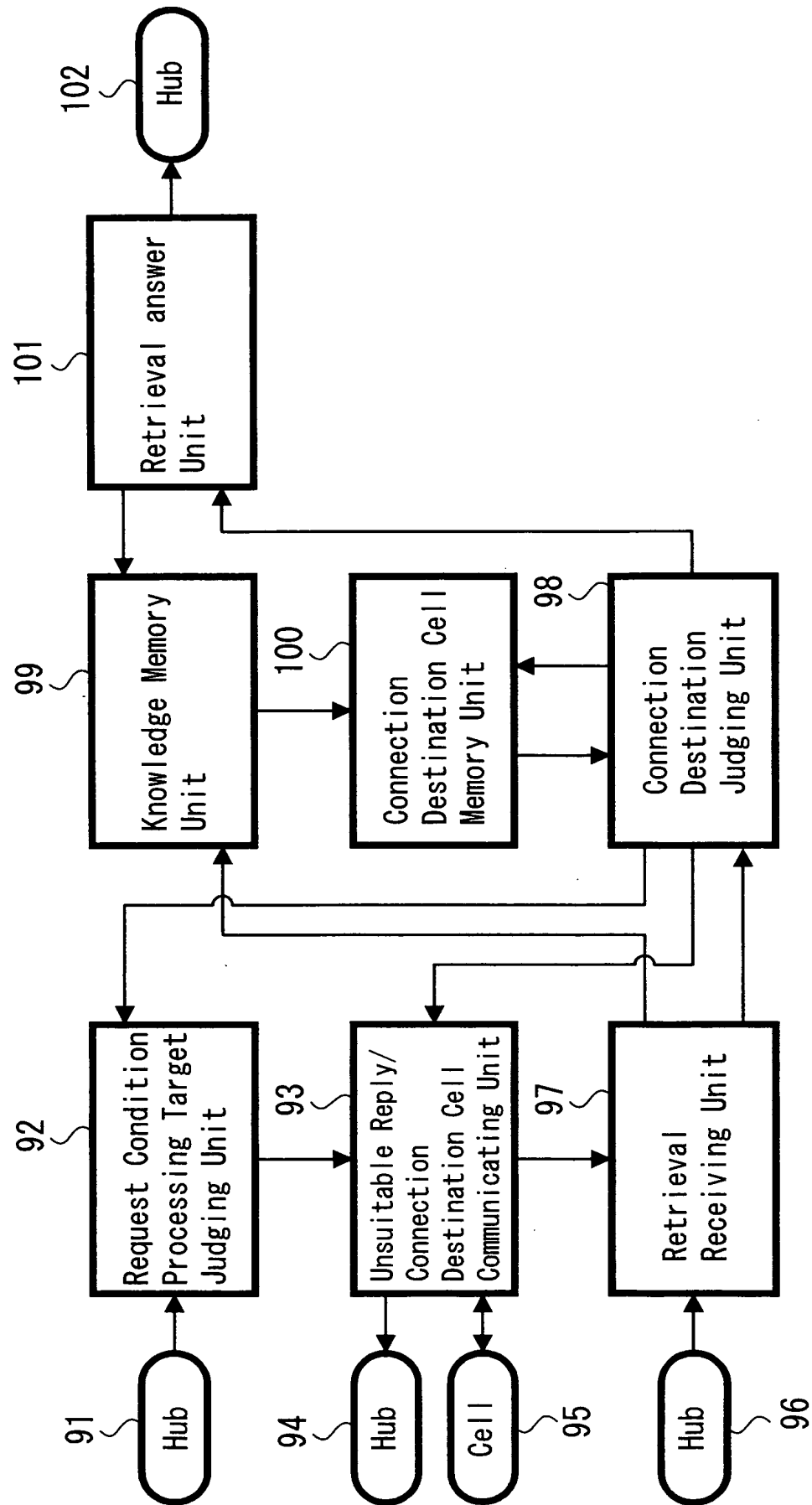


FIG. 20

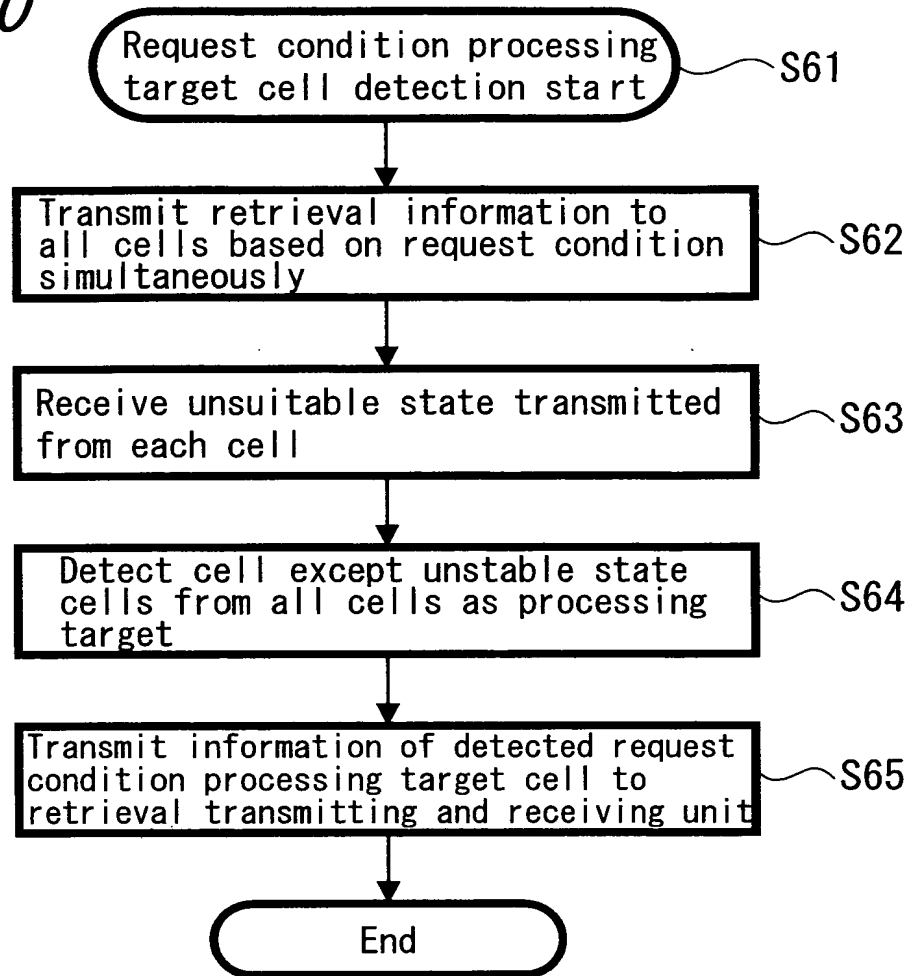


FIG. 22

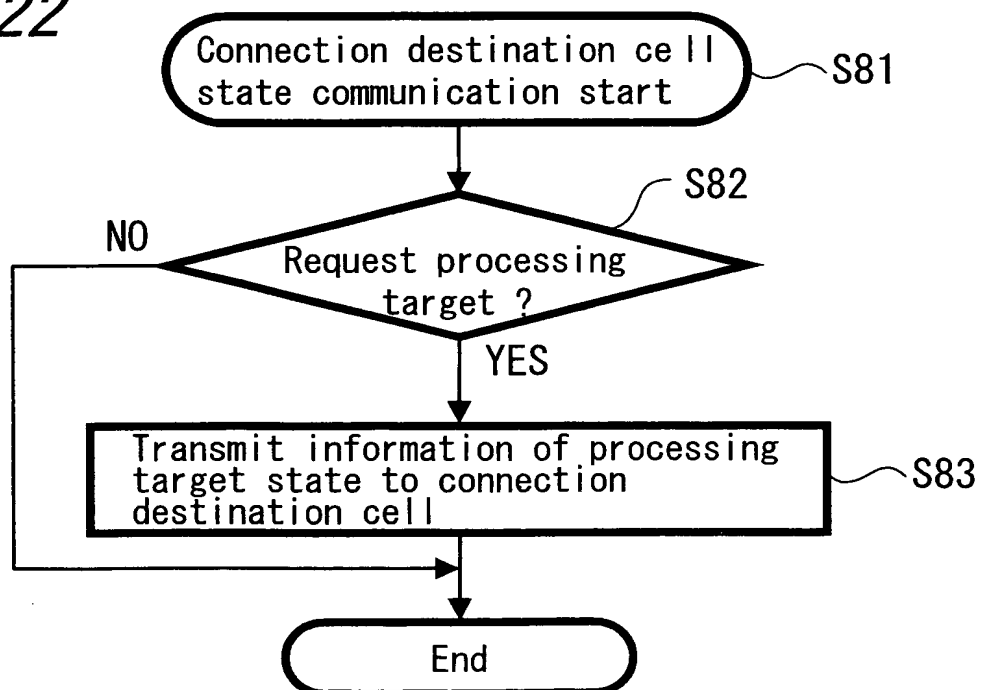


FIG. 21

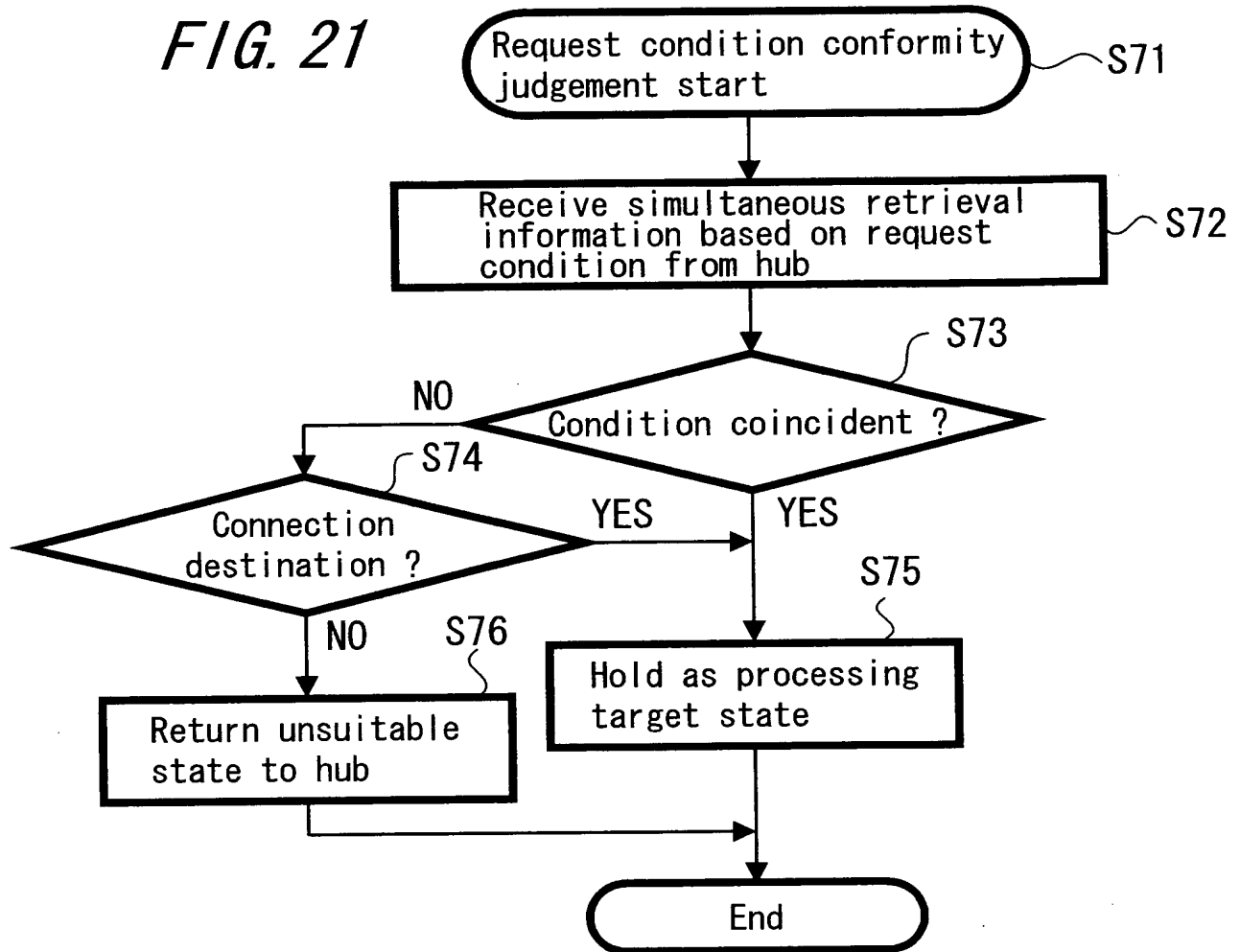


FIG. 23

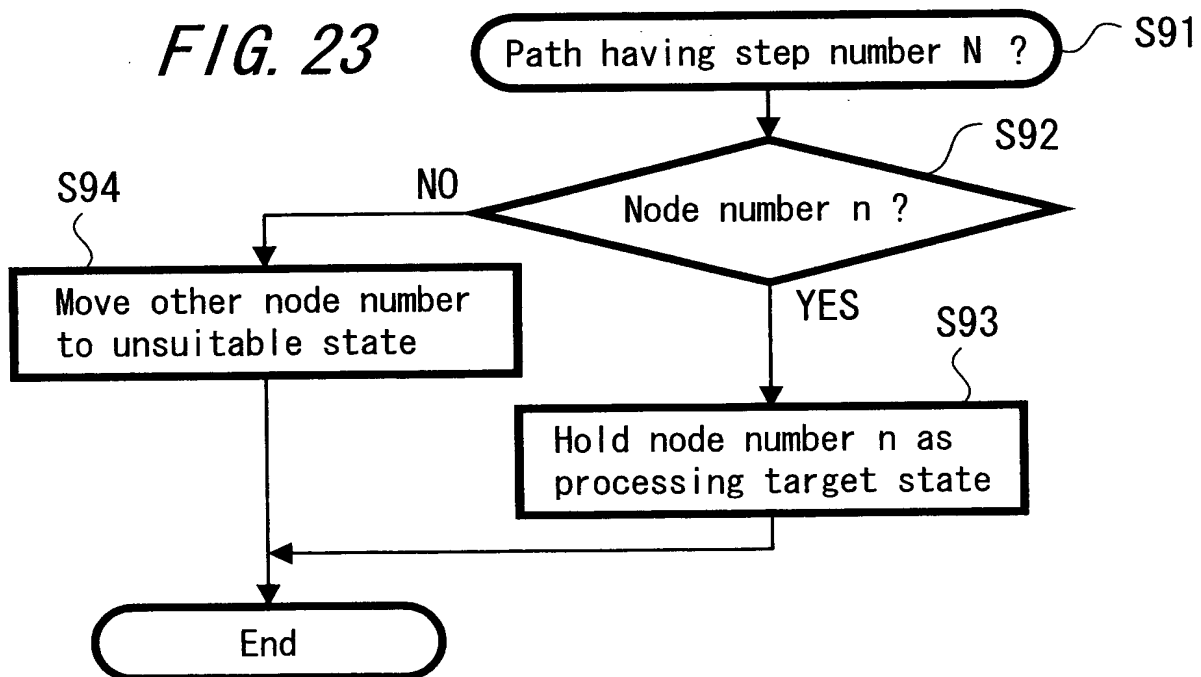


FIG. 24

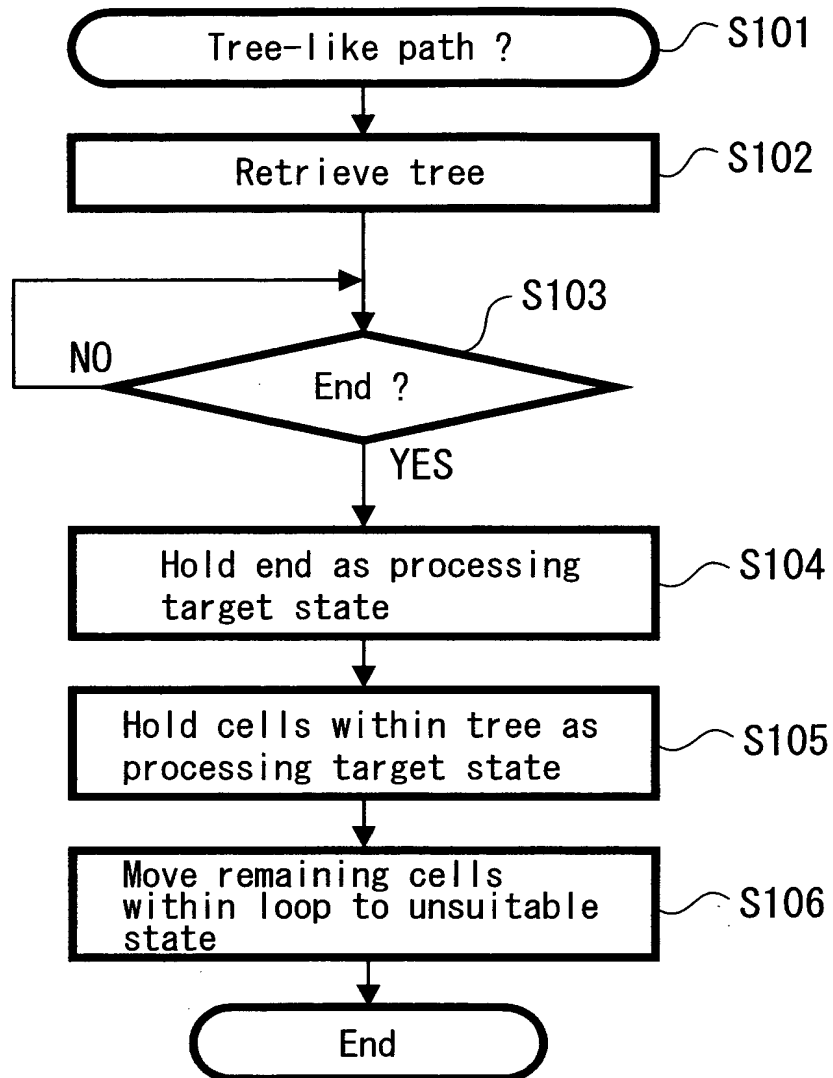


FIG. 25

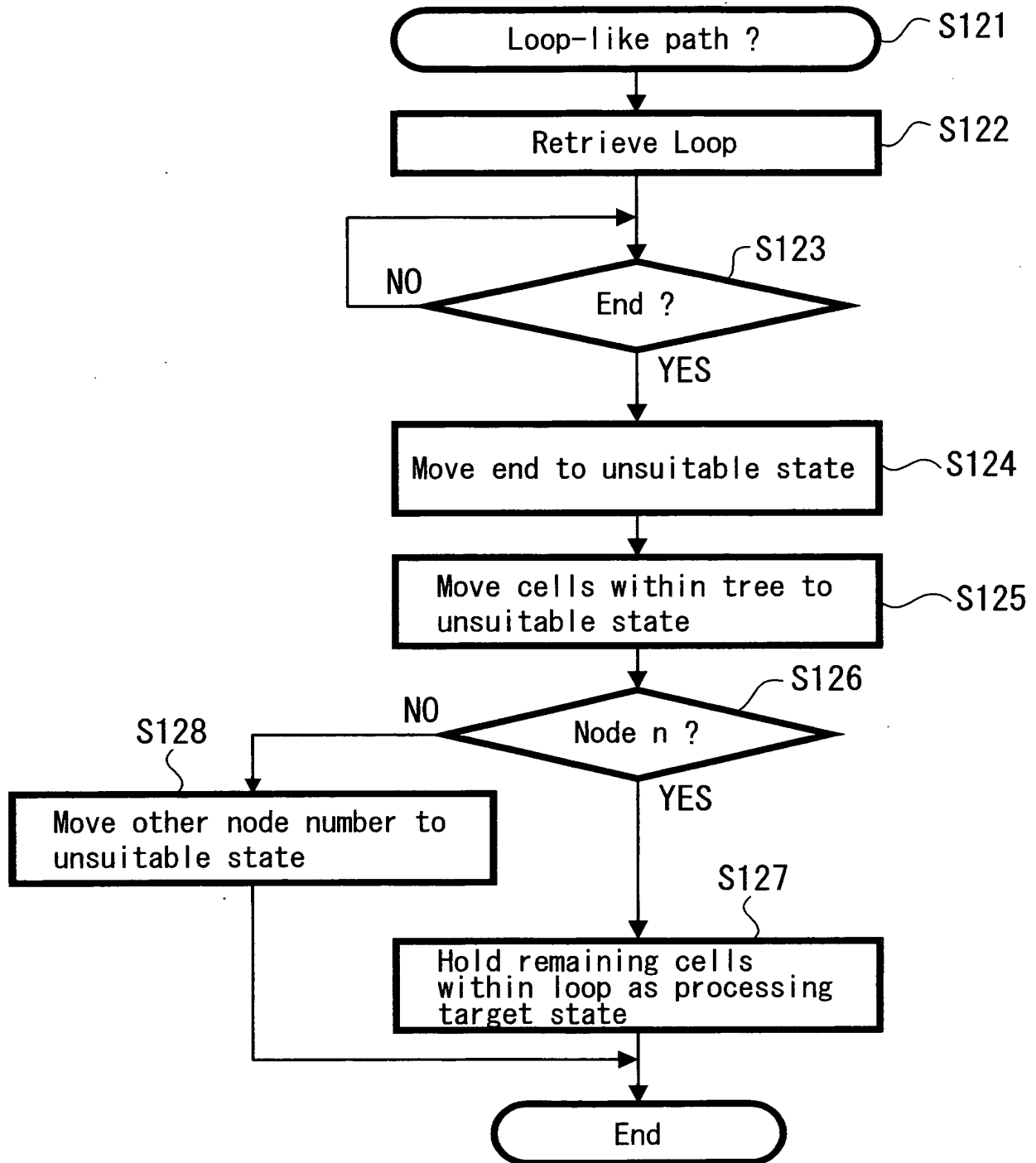


FIG. 26

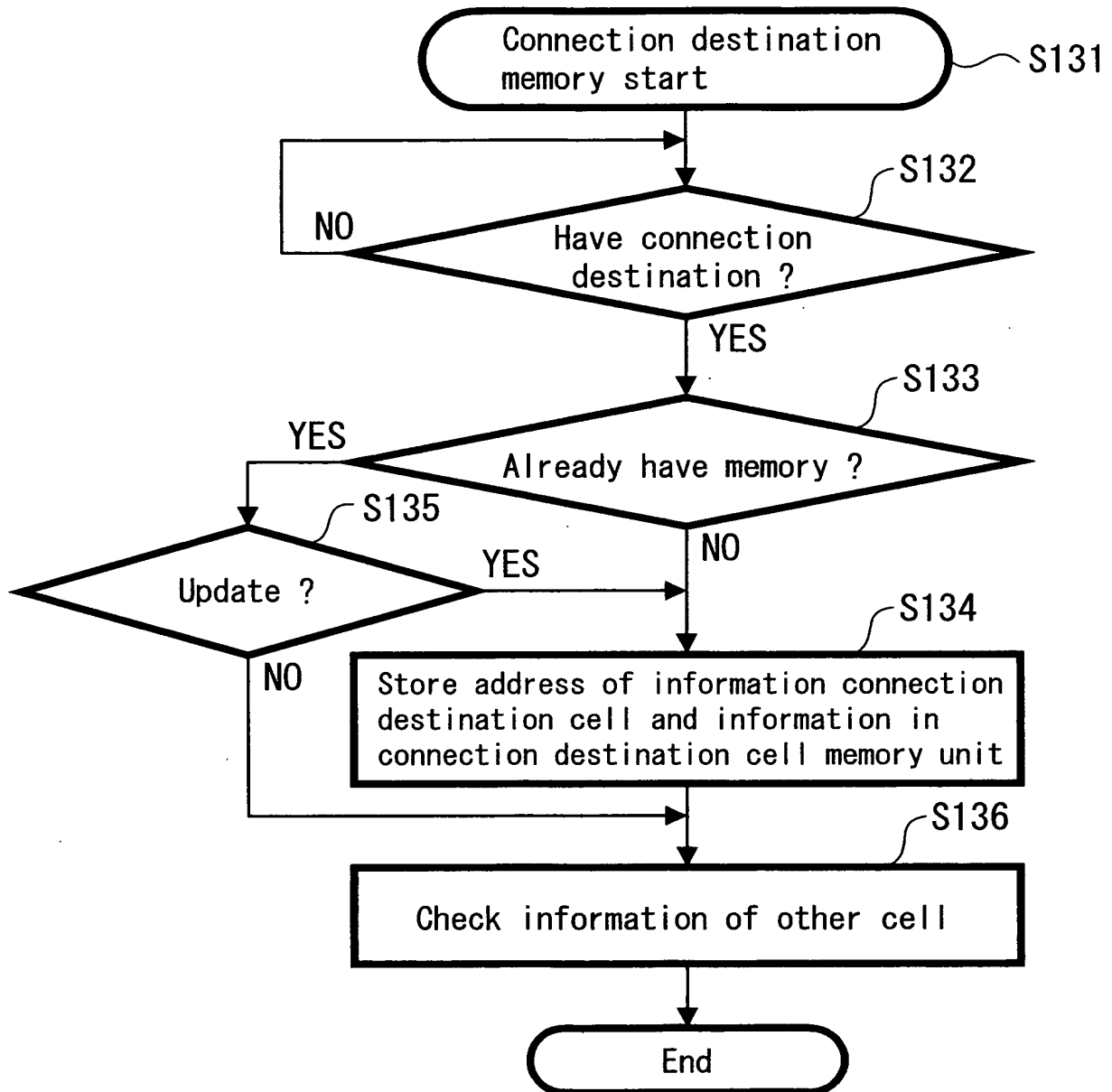


FIG. 27

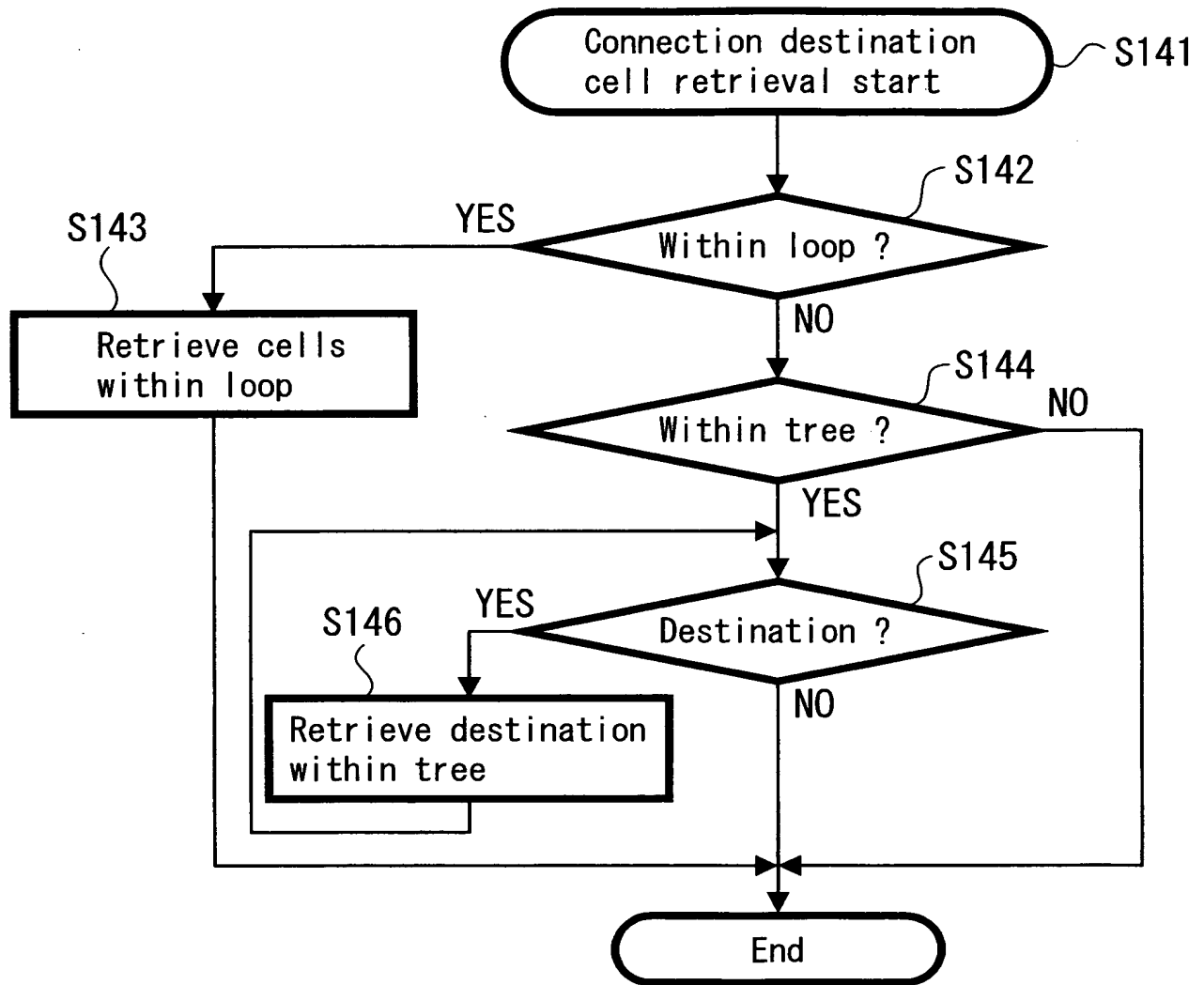


FIG. 28

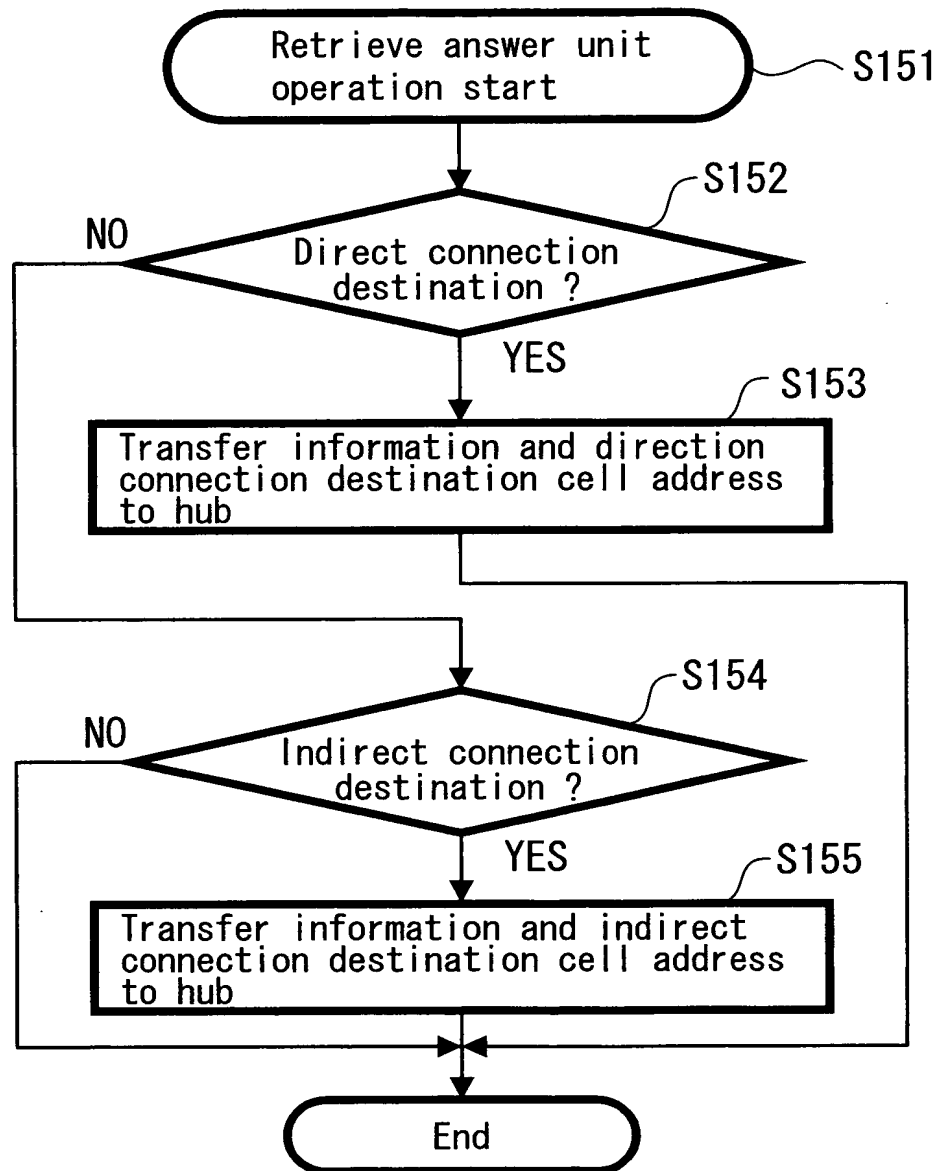


FIG. 29

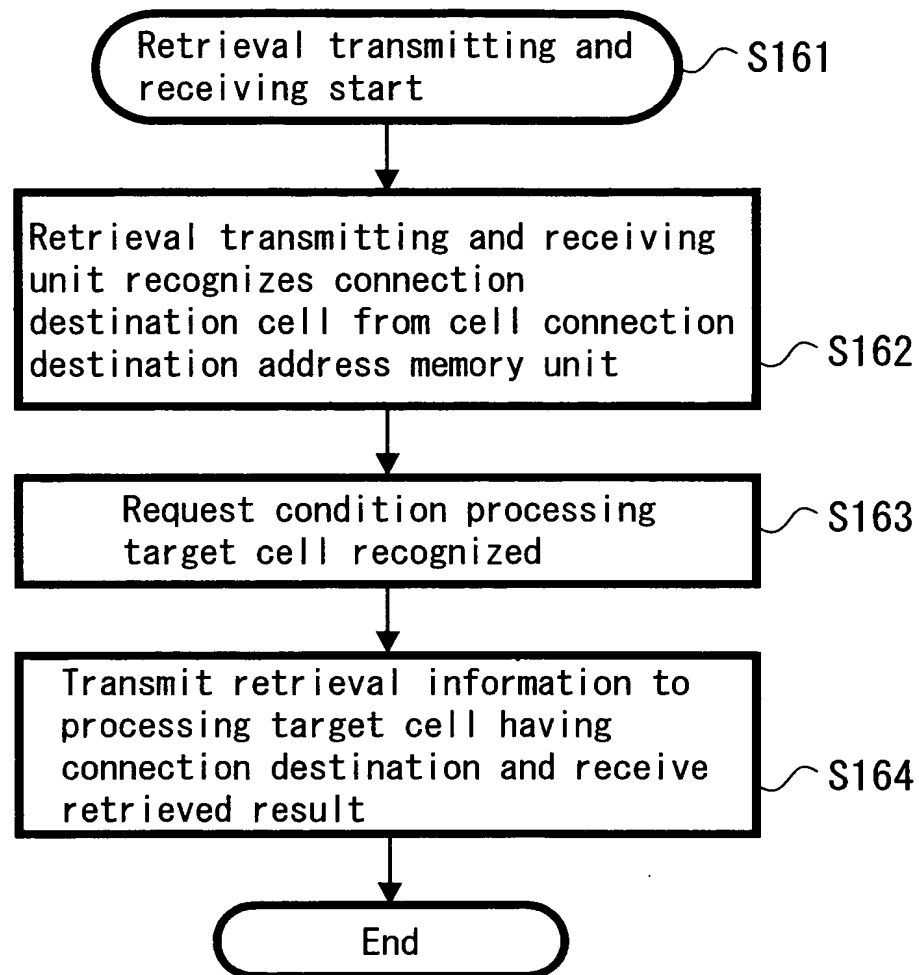


FIG. 30

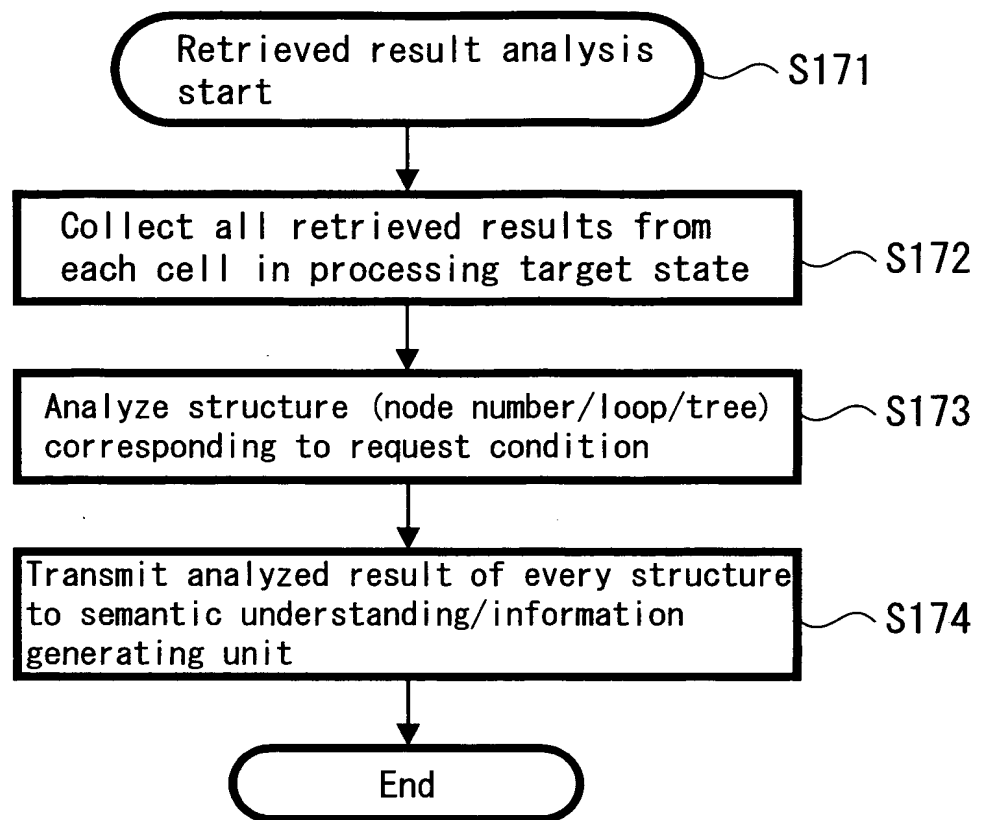


FIG. 32

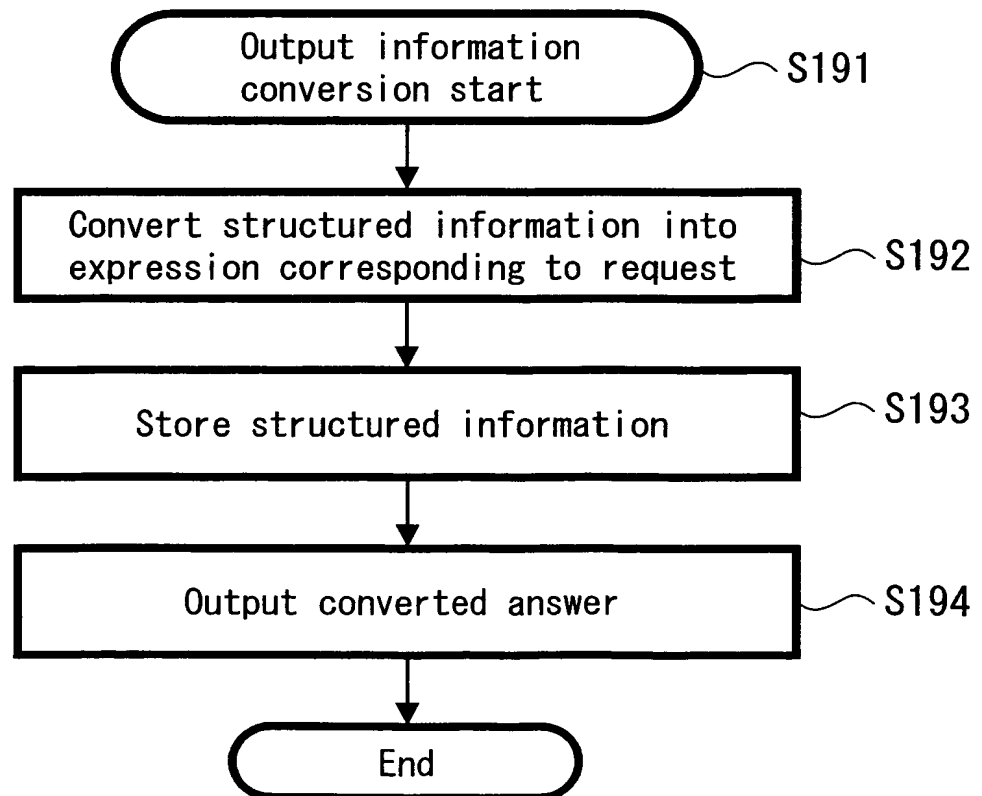
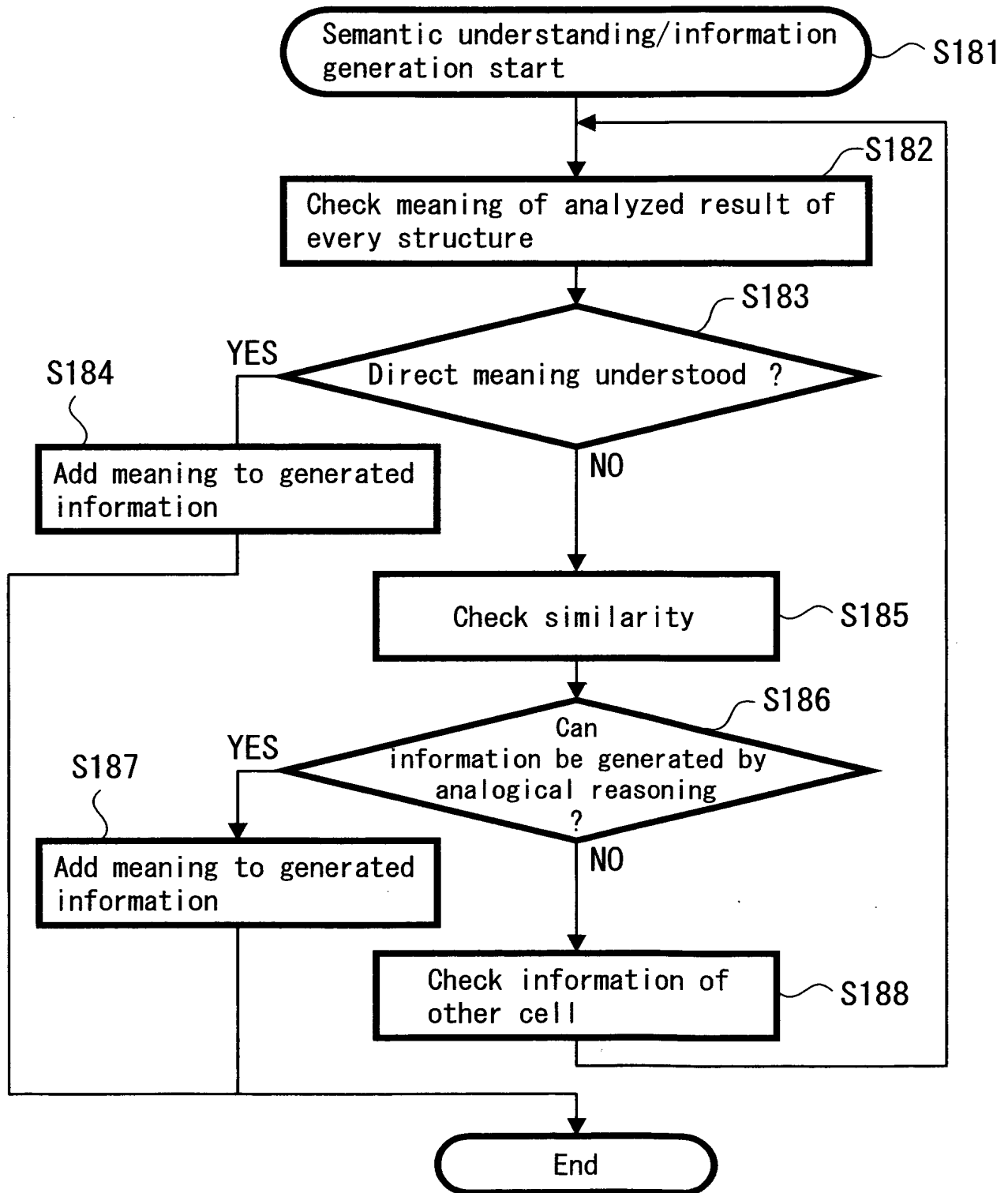


FIG. 31



DESCRIPTION OF REFERENCE NUMERALS

- 1, 21 ... comprehensive information collecting unit
- 2, 22 ... semantic relation extracting unit
- 3, 23 ... self-organizing (structuring) unit
- 4, 24 ... knowledge base (unit integration/independent memory unit)
- 5 ... input unit (inquiry unit)
- 6 ... verifying unit
- 7, 28 ... information generating unit
- 8 ... evaluating unit
- 9 ... judging unit
- 10 ... deciding unit
- 11, 31 ... output unit (knowledge generating unit)
- 61 ... central management computer
- 62 ... cell computer
- 71 ... question input unit
- 72 ... request condition analyzing unit
- 73 ... request condition processing target cell detecting unit
- 74 ... whole cell
- 75 ... unsuitable cell
- 76 ... retrieval transmitting and receiving unit
- 77 ... suitable cell
- 78 ... retrieval result analyzing unit
- 79 ... semantic understanding/information generating unit

80 ... output information converting unit
81 ... answer output unit
91 ... hub
92 ... request condition processing target judging unit
93 ... unsuitable reply/connection destination cell
communicating unit
94 ... hub
95 ... cell
96 ... hub
97 ... retrieval receiving unit
98 ... connection destination judging unit
99 ... knowledge memory unit
100 ... connection destination cell memory unit
101 ... retrieval answer unit
102 ... hub